

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

NOVEMBER 1933

Any of the publications listed herein may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D.C. As his office is not connected with the Department, PLEASE SEND NO REMITTANCE to the United States Department of Agriculture.

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Bang's disease (infectious abortion). John M. Buck, Bureau of Animal Industry. 17 p., illus. (F.B. 1704F.) Price 5¢.

Varieties of common white wheat. J. Allen Clark and B. B. Bayles, Bureau of Plant Industry. 22 p. illus. (F.B. 1707F.) Price, 5¢.

Varieties of club wheat. J. Allen Clark and B. B. Bayles, Bureau of Plant Industry. 12 p., illus. (F.B. 1708F.) Price, 5¢.

Pocket-gopher control. W. E. Crouch, Bureau of Biological Survey. 21 p., illus. (F.B. 1709F.) Price, 5¢.

Range sheep production. J. M. Cooper, Bureau of Animal Industry. 34 p., illus. (F.B. 1710F.) Price, 5¢.

Wheat smuts and their control. J. A. Faris, V. F. Tapke, and H. A. Rodenhiser, Bureau of Plant Industry. 17 p., illus. (F.B. 1711F.) Price, 5¢.

The Harlequin bug and its control. W. H. White and L. W. Brannon. Bureau of Entomology. 10 p., illus. (F.B. 1712F.) Price, 5¢.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the Leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Lespedeza. A. J. Pieters, Bureau of Plant Industry. 8 p., illus. (Leaf. 100L.) Price, 5¢.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Preliminary yield tables for second-growth stands in the California pine region. Duncan Dunning and L. H. Reineke, Forest Service. 24 p. (T.B. 354T.) Price, 5¢.

Further investigations of the parasites of *Popillia japonica* in the Far East. C. P. illus. (T.B. 366T.) Price, 5¢.

Bruising and freezing of apples in storage and transit. Dean H. Rose and J. M. Lutz, Bureau of Plant Industry. 15 p., illus. (T.B. 370T.) Price, 15¢.

Habits, life history, and control of the Mexican bean beetle in New Mexico. J. R. Douglass, Bureau of Entomology. 46 p. illus. (T.B. 376T.) Price, 5¢.

Commercial possibilities of Japanese mint in the United States as a source of natural menthol. A. F. Sievers and M. S. Lowman, Bureau of Plant Industry. 35 p., illus. (T.B. 378T.) Price, 5¢.

Irrigation requirements of the arid and semiarid lands of the Pacific slope basins. Samuel Fortier and Arthur A. Young, Bureau of Agricultural Engineering. 70 p. (T.B. 379T.) Price, 10¢.

Utilization and cost of power on Corn Belt farms. L. A. Reynoldson, Bureau of Agricultural Economics; W. R. Humphries, Bureau of Agricultural Engineering; S. R. Speelman and E. W. McComas, Bureau of Animal Industry; and W. H. Youngman, Bureau of Agricultural Economics. 60 p., illus. (T.B. 384T.) Price, 5¢.

Subfreezing temperatures lethal to the European corn borer infesting green ears of sweet corn. C. H. Batchelder and D. D. Questel. Bureau of Entomology. 14 p., illus. (T.B. 395T.) Price, 5¢.

Neps and similar imperfections in cotton. Norma L. Pearson, Bureau of Agricultural Economics. 19 p., illus. (T.B. 396T.) Price, 5¢.

CIRCULARS

This series carries the less technical and more informal material of the same nature as that in the Technical Bulletin series.

Methods for manufacturing acid-precipitated casein from skim milk. Charles S. Trimble and R. W. Bell, Bureau of Dairy Industry. 36 p., illus. (Cir. 279C.) Price, 5¢.

Sugarcane for sirup production. E. W. Brandes, S. F. Sherwood, and B. A. Belcher, Bureau of Plant Industry. 48 p., illus. (Cir. 284C.) Price, 10¢.

Community production and distribution of cotton planting seed in a one-variety cotton community. J. E. Hite, Bureau of Plant Industry. 16 p. (Cir. 286C.) Price, 5¢.

Burning for the control of aphids on alfalfa in the Antelope Valley of California. R. A. Blanchard, Bureau of Entomology; H. B. Walker, University of California; and O. K. Hedden, Bureau of Agricultural Engineering. 24 p., illus. (Cir. 287C.) Price, 5¢.

Observations on the European corn borer and its major parasites in the Orient. W. B. Cartwright, Bureau of Entomology. 14 p. (Cir. 289C.) Price, 5¢.

Artificial drying of rice on the farm. W. D. Smith, J. J. Deffes, and C. H. Bennett, Bureau of Agricultural Economics; W. M. Hurst and W. H. Redit, Bureau of Agricultural Engineering. 24 p., illus. (Cir. 292C.) Price, 5¢.

Practical pointers on making creamery butter in the South. Joel G. Winkjer, Bureau of Dairy Industry; F. W. Burns and A. D. Burke, Alabama Polytechnic Institute. 35 p., illus. (Cir. 294C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Handbook of poultry and egg statistics. T. R. Pirtle and Rob R. Slocum. Bureau of Agricultural Economics. 105 p. (M.P. 158MP.) Price, 10¢.

The 1932 outbreak of foot-and-mouth disease in southern California. John R. Mohler and Rudolph Snyder, Bureau of Animal Industry. 11 p., illus. (M.P. 163MP.) Price, 5¢.

The agricultural outlook for 1934. Bureau of Agricultural Economics, Agricultural Adjustment Administration, Extension Service, State agricultural colleges and extension services. 110 p. (M.P. 182MP.) Price, 10¢.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

California, The Capistrano Area. (No. 19, series 1929.) Price, 30¢.

Michigan, Eaton County. (No. 10, series 1930.) Price, 30¢.

Nebraska, Colfax County. (No. 11, series 1930.) Price, 15¢.

North Carolina, Macon County. (No. 16, series 1929.) Price, 20¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

¹ Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Amendment of regulations 4 and 5 of the regulations respecting game animals, land fur-bearing animals, game birds, nongame birds, and nests and eggs of birds in Alaska. Effective January 5, 1934. 1 p. (Alaska Game Commission Circular no. 11, supp.) May be obtained from Alaska Game Commission.

Regulations governing the sanitary handling and control of hides, skins, fleshings, hide cuttings, parings, glue stock, hair, wool, and other animal by-products, and hay and straw offered for entry into the United States. Bureau of Animal Industry. 11 p. (B.A.I. Order 341. Effective February 1, 1934.) Price, 5¢.

Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 89-164. (N.J., F.D. 20176-20350.)¹

Prosecutions under the interstate clause (sec. 6) of the Federal Seed Act. (July 1, 1931, to June 30, 1933, 1-14), Bureau of Plant Industry. 4 p. (S.R.A.-B.P.I.-18).¹

Amendment to pink bollworm quarantine regulations. Bureau of Plant Quarantine. Effective October 24, 1933. (B.P.Q.-Q. 25).¹

Bureau of Plant Quarantine, Service and Regulatory Announcements, April-June 1933. (S.R.A.-B.P.Q. no. 115.)¹

OTHER PUBLICATIONS

Plant material introduced by the Division of Foreign Plant Introduction, Bureau of Plant Industry, January 1 to March 31, 1932 (Nos. 95552-98256). Price, 10¢.

Report of the Chief of the Bureau of Agricultural Engineering, 1933. S. H. McCrory. 22 p. Price 5¢.

Report of the Chief of the Bureau of Animal Industry, 1933. J. R. Mohler. 47 p. Price, 5¢.

Report of the Chief of the Bureau of Biological Survey, 1933. Paul G. Redington. 32 p. Price, 5¢.

Report of the Chief of the Bureau of Chemistry and Soils, 1933. Henry G. Knight. 51 p. Price, 5¢.

Report of the Chief of the Bureau of Dairy Industry, 1933. O. E. Reed. 22 p. Price, 5¢.

Report of the Chief of the Bureau of Plant Industry, 1933. William A. Taylor. 32 p. Price, 5¢.

Report of the Chief of the Bureau of Plant Quarantine, 1933. Lee A. Strong. 66 p. Price, 10¢.

Report of the Chief of the Weather Bureau, 1933. C. F. Marvin. 8 p. Price, 5¢.

Report of the Director of Personnel and Business Administration, 1933. W. W. Stockberger. 12 p. Price, 5¢.

Report of the Solicitor, 1933. Seth Thomas. 22 p. Price, 5¢.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

NOTE.—The Agricultural Adjustment Administration (also known as the Emergency Agricultural Adjustment Administration and the A.A.A.) was established under the provisions of sec. 10 (a) of H.R. 3835, 73d Congress (Public 10, approved May 12, 1933), an act to relieve existing national economic emergency by increasing agricultural purchasing power, etc.

Analysis of the corn-hog situation. 18 p. (C.-H.-7).

"Progress on all fronts" under the Farm Act. George N. Peek. 9 p. (G-3).

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 17, no. 11. November 1, 1933. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.¹

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D.C.



Crops and markets. Vol. 10, no. 10. October 1933. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, \$2.40 a year.²

Experiment station record. Vol. 69, no. 5, November 1933. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.50 per volume, foreign. Single number for sale only. Price, 15¢.²

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; \$1.00 a volume, domestic; \$1.50 a volume, foreign.

Extension service review. Vol. 4, no. 6, October 1933. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.²

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of agricultural research. Price, \$2.25 a year domestic; \$3.50 a year foreign. Not distributed free to individuals. Each issue, price, 10¢. Reprints, 5¢ each.²

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

— Vol. 47, no. 8. Illus. October 15, 1933.

Contents:

The prevention of anemia in suckling pigs, with observations on the blood picture.

Key No. Ill-56. T. S. Hamilton, G. E. Hunt, and W. E. Carroll.

Absorption, utilization, and recovery of nitrogen, phosphorus, and potassium by apple trees grown in cylinders and subjected to differential treatment with nutrient salts. Key No. Pa-44. Walter Thomas.

A factor in the varietal resistance of cranberries to the false-blossom disease.

Key No. G-865. R. B. Wilcox and C. S. Beckwith.

Further studies of size and shape of plot in relation to field experiments with sugar beets. Key No. G-867. F. R. Immer and S. M. Raleigh.

Effect of excess carbon dioxide on growing mushrooms. Key No. G-868. Edmund B. Lambert.

Effect of certain environmental factors on the germination of the sporangia of *Physoderma zeae-maydis*. Key No. Fla-10. R. K. Voorhees.

A type of laboratory silo and its use with *Crotalaria*. Key No. Fla-11. W. M. Neal and R. B. Becker.

The vitamin C content of commercially canned sauerkraut produced under known conditions. Key No. Wis-58. Helen T. Parsons and Carolyn Horn.

Monthly weather review. Vol. 60, 1932. Title page, table of contents, and index; vol. 61, no. 8, August 1933. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.² Not for general distribution.

Public roads. Vol. 14, no. 8, October 1933. Price, 10¢ a copy, \$1 a year, \$1.50 a year, foreign.²

Weekly weather and crop bulletin. Nos. 44-48, October 31-November 28, 1933. Price, 50¢ a year, domestic; \$1 a year, foreign.²

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D.C.

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